

STORET

Data Access

May 18, 2004



STORET

Data Warehouse

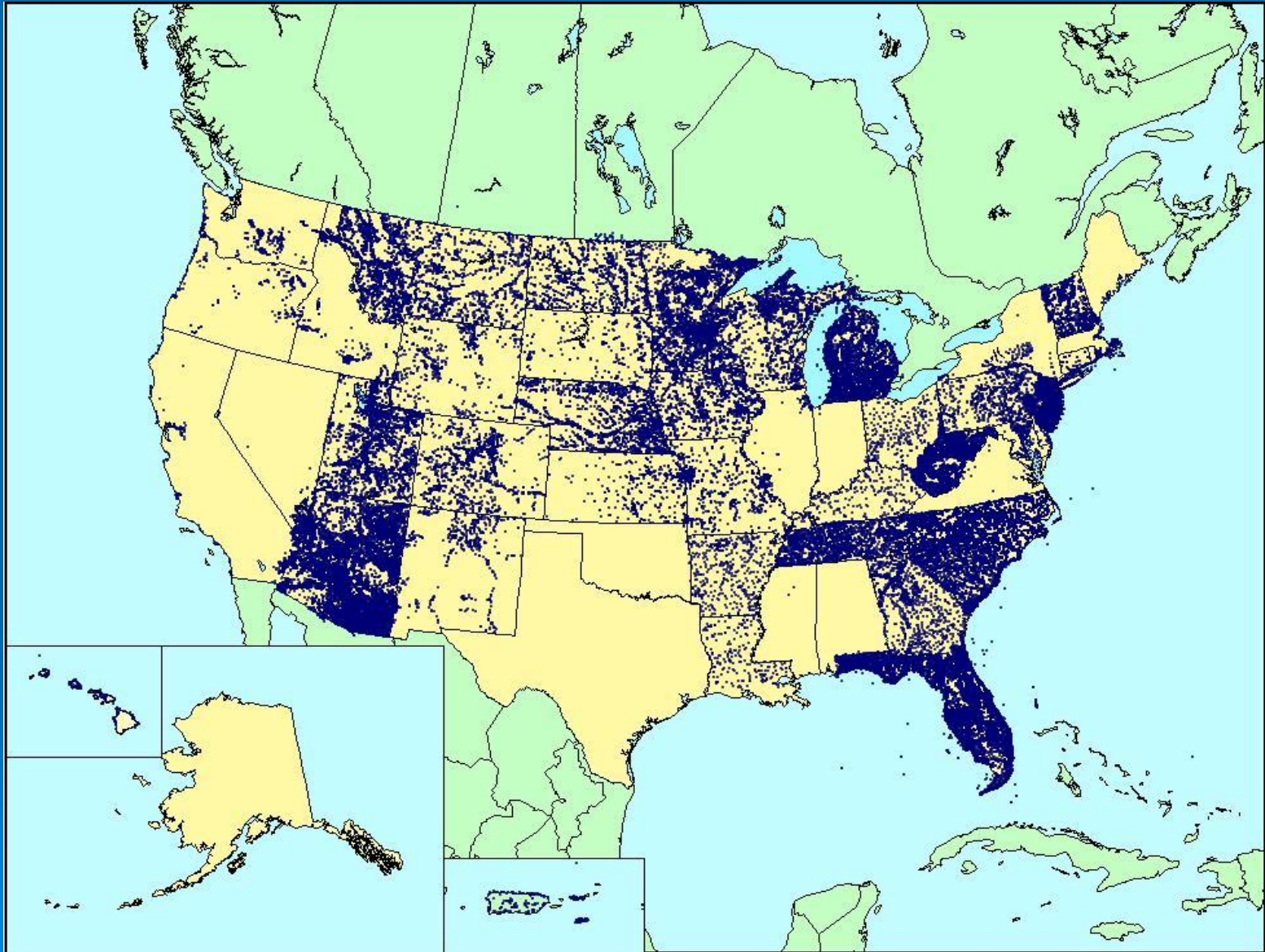
- ❖ Publicly Available via the Internet
- ❖ True data warehouse structure optimized for retrievals
- ❖ 140 organizations contributing data
- ❖ 160,000 sites monitored

STORET

Data Warehouse

- ❖ 21.5 million monitoring results
- ❖ Download stored pictures & documents
- ❖ 43 States and Territories with data
- ❖ Stop by our exhibit booth for demo

Warehouse Data Distribution



Public Access

- ❖ Fill-in-the-blank custom retrieval
- ❖ Map-based Retrieval
 - Window to My Environment
 - EnviroMapper for Water



Window to My Environment

[Contact Us](#) | [Online Help](#) | [Background](#)[EPA Home](#) > [Where You Live](#) > [Window to My Environment](#) > Mapping Results

Window to My Environment

Redraw Map

Map Features

- ☒ Regulated sites
- ☒ Places
- ☒ Transportation
- ☒ Water features
- ☒ Political boundaries
 - ☐ Congressional Districts
 - ☐ Demographics
 - ☐ City boundaries
 - ☐ ZIP Codes
 - ☒ Counties
 - ☐ States
- ☒ Air monitors
 - ☐ Air monitors
- ☒ USGS water monitor
 - ☒ Surface water
 - ☐ Ground water
 - ☐ Others
- ☒ EPA water monitors
 - ☒ Surface water
 - ☐ Ground water
 - ☐ Others
- ☒ Topographic feature
 - ☐ Special Flood Hazard Area

Map Window

Zoom In Zoom Out Recenter Locator Map

Identify Select a feature Legend

WME Help Add a background

Redraw Map

Your Window Your Environment

All features intersecting the map window will appear as part of the information contained in the fact sheet below.

Community (Town, State)	Page AZ
County(s)	Coconino AZ
Congressional District(s)	03(AZ)
Urban area	none
Watershed(s)	Lower Lake Powell, Arizona, Utah.
Waterbody(s)	Colorado River
Area / Width of Window	Click Here to View
Approx. population	Click Here to View
No. of facilities reporting to EPA	1

USGS Water Monitoring Sites

Total Number of Sites in Window: 13

(WQ = Water Quality Site)

- ▲ 1 GCES DUMMY STATION NR PAGE, ARIZ (365610111291599, Stream)
- ▲ 2 LAKE POWELL AT GLEN CANYON DAM, ARIZ. (09379900, Lake/Reservoir)
- ▲ 3 GLEN CANYON DAM NR PAGE (09379901, Lake/Reservoir)
- ▲ 4 AGF-GLENN CANYON DAM NR PAGE, ARIZ (365613111285900, Lake/Reservoir)
- ▲ 5 LAKE POWELL (GRID 2) NR PAGE, ARIZ (0937990002, Lake/Reservoir)
- ▲ 6 AGF-LAKE POWELL NR PAGE, ARIZ (365617111290100, Lake/Reservoir)
- ▲ 7 LAKE POWELL (GRID 3) NR PAGE, ARIZ (0937990003, Lake/Reservoir)
- ▲ 8 LAKE POWELL (GRID 4) NR PAGE, ARIZ (0937990004, Lake/Reservoir)
- ▲ 9 LAKE POWELL (GRID 18) NR. PAGE, ARIZ (0937990018, Lake/Reservoir)
- ▲ 10 LAKE POWELL (GRID 32) NR PAGE, ARIZ (0937990032, Lake/Reservoir)
- ▲ 11 LAKE POWELL (GRID 33) NR PAGE, ARIZ (0937990033, Lake/Reservoir)
- ▲ 12 LAKE POWELL (GRID 34) NR PAGE, ARIZ (0937990034, Lake/Reservoir)
- ▲ 13 LAKE POWELL AT GLEN CANYON DAM NR PAGE, AZ (365713111290001, Lake/Reservoir, WQ)

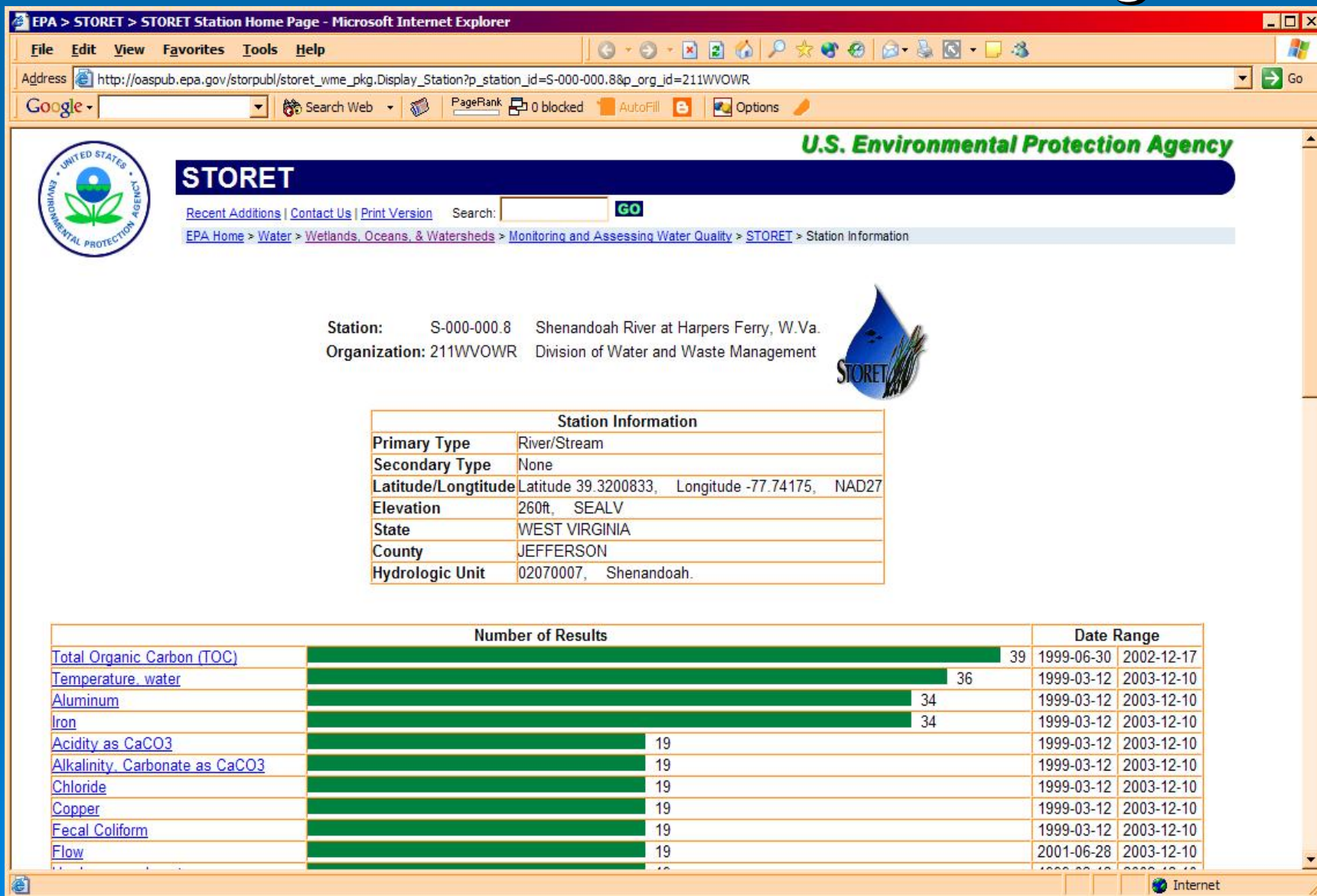
EPA Water Quality Sites

Total Number of Sites in Window: 2

- ▲ 1 COLORADO R BL GLEN CANYON DAM (495200, UTAHDWQ, River/Stream)
- ▲ 2 LAKE POWELL 1 MI S WAHWEAP MARINA (595243, UTAHDWQ, Lake)

7

STORET Station Home Page



Public Access

- ❖ Data delivered as delimited ASCII files
- ❖ Custom download format
- ❖ Web Services (planned)
 - Station Descriptions
 - Monitoring Data

Future Priorities

- ❖ Increased outreach and support
 - 8 planned training sessions for CY 04
- ❖ National user conference
 - Target November 2004
- ❖ Continuous Improvement
 - Performance tuning
 - Data formatted for analysis
- ❖ Standards applied for improved data mining
 - Units of measure
 - Latitude/Longitude Datum to NAD1983

Defining Data Standards

- ❖ Participating in Environmental Sampling, Analysis, and Results (ESAR) working group
- ❖ Working with Environmental Council of States (ECOS), Environmental Data Standards Council (EDSC)
- ❖ Pilot/demonstration project planned